

NEW ABSTRACT

A method for assembling insulating glass panes filled with a gas different from air, by

- Arranging a first glass sheet and second glass sheet, provided with a spacer, in a vertical or inclined position so one is opposite to the other, without the first glass sheet being in contact with the spacer,
- Forming a chamber enclosing the space between glass sheets, by providing a belt at the lower edge of the glass sheet arrangement and at least one seal beside each of the upright edges of the glass sheet arrangement, which seal extends from a point above the belt down to the belt,
- Introducing a gas different from air into the chamber from below, closing the insulating glass pane by approaching the glass sheets one to the other once a desired filling grade or filling level has been reached.